

# Ivanti Security Solutions for Microsoft 365 Environments

Microsoft provides an integrated set of Office 365, Windows 10, and security service options in their Microsoft 365 Business, Enterprise and Education packages. But even if these components form the foundation for your organization, you still require a host of third-party applications to conduct business in today's heavily networked and complex environment. Ivanti provides the security solutions to manage these third-party applications and to enhance many of the security service options offered by the Microsoft 365 package you have chosen. These easy-to-use solutions keep your business safe, your Microsoft 365 practice up and running, and IT free to focus on core business goals.

Patch Management and Application Control	
<b>Microsoft</b> Business Enterprise Education	<b>Enhance Your Experience</b> <ul style="list-style-type: none"> <li>▪ Centralized management</li> <li>▪ More control over patch scheduling</li> <li>▪ CVE-to-patch identification</li> </ul>
<b>Ivanti</b> Patch for SCCM Security Controls Endpoint Manager Application Control	<b>Add To Your Capabilities</b> <ul style="list-style-type: none"> <li>▪ Patch third-party applications</li> <li>▪ Update Linux, Unix, and macOS</li> <li>▪ Control use of your applications</li> <li>▪ Limit user privileges</li> </ul>

## Easy Patch Management Across the Environment

Updating software is now commonplace in the IT industry, and many believe it's a solved problem. However, exploitation of software vulnerabilities is commonplace, with zero-day announcements made regularly by Microsoft and other vendors. Security practices must include comprehensive patch management to help keep workstations and servers secure, data readily available, and your business reputation intact.

Ivanti provides three patch management solutions to meet the specific needs of your Microsoft 365 environment.

### Security Controls (fka Patch for Windows)

Ivanti Security Controls is a dedicated security solution offering patch management that spans not only your physical and virtual servers, but workstations as well. It can find all online systems and offline virtual systems, scan for missing patches, and deploy them. This product enhances and expands your Microsoft 365 environment by providing additional control over updates for Office 365, Windows 10, and other Microsoft components, as well as extensive third-party application update support.

### Key Features:

- Easy to use interface for all aspects of patch management – machine identification, machine grouping, patch identification, and so forth
- Pre-configured templates with common settings for patch scanning and deployment provides for rapid setup and go
- Comprehensive options for scheduling patch deployment and reboot control

- Pre-staging of updates on endpoint machines for rapid installation during maintenance windows
- Agentless option to reduce footprint on physical and virtual servers
- Cloud synchronization allows agent on mobile devices to receive updates from the cloud
- Agent support for Red Hat Enterprise Linux (RHEL) patching
- Extensive support for VMware virtual machines to include offline patching and snapshot management
- Vulnerability report import and CVE-to-patch identification
- Support for custom application patch creation
- Command line and RESTful API for integration with automation products such as Chef, Puppet, etc.

#### Patch for SCCM

Patch for SCCM is a plug-in security solution to the Microsoft System Center Configuration Manager (SCCM). This product enhances the Microsoft 365 environment by patching third-party applications on Windows systems through the SCCM infrastructure. The plug-in works with a regularly updated catalog of Ivanti-supported applications, allowing the administrator to select and download the updates, publishing them to the SCCM update server for deployment.

#### Key Features:

- Easy to use, integrated management interface allows for searching, sorting, and filtering third-party update information
- Full integration takes advantage of SCCM automatic deployment rules (ADRs), software update groups, policies, and reports
- Automated content download and binary publishing options
- Automated updates of software update groups
- Vulnerability report import and CVE-to-patch identification
- Editor to modify patch content for custom detection and deployment

#### Endpoint Manager

Endpoint Manager is a complete Unified Endpoint Management (UEM) solution. As such, it provides complete software management, including many features to enhance and expand security in your Microsoft 365 environment.

#### Key Features:

- Manages updates for Office 365, Windows 10, and other Microsoft components
- Extensive management support for third-party application updates
- Comprehensive options for scheduling patch deployment and reboot control
- Support for macOS, Red Hat Enterprise Linux, CentOS, Ubuntu, Oracle Linux, SUSE Linux, Solaris, HP-UX, and AIX
- Provides options for phased update rollouts over multiple machine groups
- Support for custom application patch creation
- Supports peer-to-peer software and update distribution to minimize bandwidth use
- Secure remote control allows isolation and containment of a networked system during forensic analysis

### Flexible Application Control and Privilege Management

The introduction of malware into any environment continues to be a major concern for all organizations. The Verizon 2018 Data Breach Investigations Report shows that 30% of successful attacks involved malware and the most common forms of first stage malware were JavaScript (.js), Visual BasicScript (.vbs), MS Office and PDF. The secondary stage almost always involved Windows executables installing ransomware, keystroke monitors or setting up botnets. This malware could have been stopped immediately through application control and privilege management, mitigating nearly one-third of the reported breaches.

Ivanti provides application control and privilege management in the Security Controls, Endpoint Manager and Application Control products. Based on the proven AppSense technology, use of these products provides a critical layer of added protection. The flexibility of these application control solutions allows you to meet the specific needs of your Microsoft 365 environment.

#### Key Features:

- Easy setup to first monitor and then control applications
- Multiple security levels for granular control - Unrestricted, Audit-only, Self-Authorization, and Restricted

- Privilege management including self-elevation for optimum flexibility
- Browser controls to restrict surfing and stop attacks

### **Decrease Risk, Increase Security, and Build your Business**

Ivanti security solutions are quick to setup and easy to maintain. Our patch solutions find connected systems, scan for missing patches, deploy the missing patches, and confirm the fixes.

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### **Decrease the time to deploy critical patches and remain compliant**

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Our application control solutions find the running applications, deploy the desired policies, and monitor the environment for compliance.

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### **Ensure applications are available to those that need them and identify and stop potential malware**

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The associated administrator interaction with the Ivanti products is intuitive and optimized for the common workflows.

Our security solutions can also share information with Ivanti XTraction - a web-based dashboard and reporting product. It connects to all Ivanti products and displays near-real time information so you can see the latest patch and application control information on the same screen. Fully configurable at many privilege levels, it

can display the latest compliance information for your executive team and detailed status information for your security administrators. Don't waste time providing updated reports for your organization when they can help themselves.

The ease of use and automation built into our security solutions helps you and your team save time and resources, freeing them up to concentrate on important business goals.

**Microsoft 365 provide an excellent starting point to modernize and organize your Business, Enterprise, or Education environments. Take the next steps to remove the remaining software vulnerabilities which can be used to exploit your systems and to control production software preventing malware from interrupting your business operations. Choose an Ivanti security solution freeing your IT and security specialists to do what matters – use your Microsoft 365 environment to maximize your business.**

#### **Learn More**

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